

# THE BLOOMFIELD CITIZEN.

VOL. XI. NO. 42.

BLOOMFIELD, N. J., SATURDAY, FEBRUARY 17, 1894.

PRICE FIVE CENTS.

## ELECTRIC LIGHTING.

### THE FARRAND'S VIEWS ON THE SUBJECT.

A Plant that Would Meet the Requirements of This Town—An Interesting Array of Figures—Attention Called to the Various Contingencies Imposed by the Subject.

subject of electric lights for this town is an important one and is frequently discussed. There is a wide difference of opinion as to the cost of such light. Following letter from Dudley S. Farrand, to the Committee of Thirty, a very intelligent summary of the subject of a plant that would meet the requirements of this town:

NEWARK, N. J., Dec. 26, 1893.  
Hanks Reford, Chairman of the Committee on Electric Lighting, Bloomfield, N. J.

DEAR MR. REFORD: Complying with your request of recent date for estimate of the nearest approximate cost of construction and operation of an electric light plant sufficient for the needs of the township of Bloomfield, I hand you herewith a few figures, a subject which may be of service to your committee, and I trust will assist in correcting some very erroneous views which have been conveyed to a number of citizens by estimates which have appeared in our local press bearing on this subject.

I understand your wishes on this subject, the committee desires an estimate on 150 to 1,200-candle power, but no mention is made of the number of hours these lights will be required to burn each year. As you will understand that this item is very essential in making calculations of this kind, I have based the figures included with the number of hours generally understood where the term all is used, namely, 3,300 hours per year. This is the number of hours required by the city of Newark for the lighting of its gaslights, although the electric lights in the same town are required to burn 4,000 hours per year.

estimating the cost of a plant sufficient to run the required number of lights, as above stated, I have endeavored to give only prices on cost of apparatus, and not on cost of operation. These prices, as has been shown by practical tests, are thoroughly reliable, or so nearly so that an apparatus of this kind may be so constructed that the estimate of cost of plant with lines, sufficient to run 150 to 1,200-candle power lamps:

| GENERATING STATION.   |  |
|---|--|
| Station and foundations of this size, including power house, 5,000 00   |  |
| Horizontal cut-off engine 1,500 00  |  |
| Horizontal boiler 2,500 00  |  |
| Horizontal tubular boiler with settings, 2,500 00   |  |
| Horizontal steam pump, 400 00   |  |
| Horizontal water pump, 300 00   |  |
| Horizontal condenser, 300 00  |  |
| Horizontal exhaust, and water connections, blow pipes, traps, valves and fittings, and all necessary fittings, 800 00 |  |
| Covering, 50 00   |  |
| Paint, 100 00   |  |
| Electrical plant, 6,100 00  |  |

| ELECTRICAL PLANT.   |  |
|---|--|
| Light 1,200-candle power arc lamp, 5,000 00   |  |
| 200-candle power double, 7,500 00   |  |
| Station outfit required, including switch board, regulators, lighting arresters, and other necessary devices, 350 00  |  |
| Construction, including arms, insulators, wires, etc., for 150 lamps estimated at \$45 per lamp, 5,250 00   |  |
| Various tools of all kinds used by employees for installation and outside work, 150 00  |  |
| Working, including supervision of construction throughout, 1,000 00   |  |
| Paint, 100 00   |  |
| Electricity, 3,300 00   |  |
| Depreciation, 300 00  |  |
| Interest, 1,140 00  |  |
| Public Installation, 3,312 00   |  |
| Perseverance Lodge, No. 15, I. O. G. T., held a public meeting last Friday evening, February 9, and the following officers were publicly installed by Grand Chief Templar I. A. Dodd: W. C. T. Walter Lane; C. T. John Sandy; V. T. Miss Derry; Chaplain, Miss Ada Sunday; Recording Secretary, Harry Lane; Financial Secretary, Miss L. Mitchell; Marshal, Mrs. W. Gilbert; Guard, Miss Hattie Vought; Sentinel, Geo. Hetzel; S. J. T. Mrs. Patterson; P. C. T. Walter Lane. |  |

The above estimate for cost of operation or maintenance no allowance has been made for damage to lines by storms, either in winter or summer, or one lineman would be required at half of the time for general repairs. Besides this, the frequency of damage suits for injuries to persons and property from falling wires, etc., in various places shows that the actual cost of operation does not cover contingencies of this nature.

Arriving at the foregoing estimate of the cost of operation, I have taken into consideration the fact that in cases where experience in this line of business in various places has fully demonstrated that it is a factor of safety to have a reserve fund of \$10 per cent. be added to the above estimate to cover contingencies.

On looking further into the subject, I would state that the 1,200-candle power arc lamps on which the foregoing estimate is based are of about the proper size for a town of this kind, as it is the kind generally used under similar conditions.

I do not believe 150 lights of the above power would be sufficient to properly light the township entirely, as a rough calculation shows that there are upwards of 175 corners or street intersections in the township, and if lights were only placed at these points it would in many cases place them about 1,000 feet apart, and in some instances even further. This point, however, could be easily determined by a closer calculation.

Assuming the above to be a fair estimate of the cost of a plant sufficient to properly light the town, and which figures may be easily verified, and inasmuch as the cost of maintenance approaches so nearly what it would cost to obtain the light elsewhere, i. e., from a private corporation, in which case the township would be liable only for a certain fixed rate per lamp per annum, I do not recommend municipal ownership of an electric-light plant at this time for the township of Bloomfield. Trusting to be of service in this, I remain

Yours very truly,  
DUDLEY FARRAND.

An Exciting Rumor.  
Prophetic references foretelling the future greatness of Watessing provoke a smile among staid old residents of that place, who have long been accustomed to regard eighteen dollars a month as an exorbitant sum for a family to pay for house rent. They look upon all allusions indicating future greatness as emanating from some one on the "bull" side of the real-estate market and put forth with a view to enhancing the value of property. Such is not the case, however. There is a foundation of fact upon which to predict a growing future for Watessing.

Two years ago, if any one had predicted that such an immense building as the Sprague factory would adorn the Noll farm, such a one would have been looked upon as "light in the tip." But the factory is there—an imposing structure, the delight and admiration of every one who owns a square foot of property in Watessing. Jealous Fairviewites have endeavored to belittle the growing importance of Watessing by insinuating that the new factory is simply a storehouse for goods manufactured in New York. This is a very unjust aspersion, and is belied by the fact that machinery is now being put up in the building.

The excitement caused by the erection of the Sprague factory has scarcely subsided when Watessing is again agog over another rumor that eclipses the Sprague undertaking. The rumor is that an alliance is under way between the Sprague and Edison companies which, if perfected, will result in the erection of another building of greater dimensions and more imposing appearance than the Sprague building. This is not an idle rumor; it is a very strong probability. People may yet have to take off their hats when they ride through Watessing.

The New Cars.  
The new electric cars of the Suburban Traction Company are said to be very fine. The cars are the latest model of the Brill Company. The upper part of the car is of a creamy white, while the main panel below the window is of a rich orange color. On this panel is the inscription, "Suburban Traction Company." The undercarriage beneath this is painted a bright aqua, and is lettered, "Cable Road, Depots, Music Hall, and Cemetery." The cars are provided with running gear. Inside each car is a new pattern stove, resting on the seat instead of the floor, and this is so arranged that it can be lifted out of the car at a few minutes' notice and leave the seat complete and uncut. The interior of the cars is finished in cherry and it is bright and cheery. The remainder of the cars are expected to be shipped in a few days.

Public Installation.  
Perseverance Lodge, No. 15, I. O. G. T., held a public meeting last Friday evening, February 9, and the following officers were publicly installed by Grand Chief Templar I. A. Dodd: W. C. T. Walter Lane; C. T. John Sandy; V. T. Miss Derry; Chaplain, Miss Ada Sunday; Recording Secretary, Harry Lane; Financial Secretary, Miss L. Mitchell; Marshal, Mrs. W. Gilbert; Guard, Miss Hattie Vought; Sentinel, Geo. Hetzel; S. J. T. Mrs. Patterson; P. C. T. Walter Lane.

Turned the Horse on Him.  
Peter Ball, an umbrella mender, was in town on Monday and got uproariously drunk. He was locked up in the jail. He sang and shouted and swore, and was so noisy that the police had to turn the horse on him and cool him down. He cheerfully paid a fine of three dollars next morning.

## JEFFERSON'S POLITICS.

### A Question that May Agitate the Whole Town will be Discussed.

Since the Committee of Thirty have passed into a state of innocuous desuetude and have become back numbers in the moving events of this community, the people have ceased to wonder what they would bring forth. Even the question as to who will be Postmaster is apt to be dwarfed and lost sight of in the general discussion with which the people are soon to be confronted and in which they will take sides. It is true that this agitation, which may upheave society and toss politicians about as mere chips upon the broad ocean of public opinion, originated in a very humble and unobtrusive way. Trace the great epochs that have occurred in the history of the world and their origin was humble. So this event found its origin in one of the tenebrous parlors in this town.

The event above mentioned came about in this way. Two of our citizens, while waiting their turn, turned their conversation upon politics, one of them being a Republican-Greenback-Democrat and the other the reverse. The argument waxed warmer and warmer and resulted in a wager that the Democrats had held the Presidential chair more years than all other parties combined, to wit, 66 years. To make up this period required the administration of Jefferson. But, shades of our fathers, the other side would not have it so, and claimed that there were no Democrats in the days of Jefferson. History has been searched and authorities quoted upon both sides. Even the text-books used in our public schools have been thumbed over, but all to no purpose, the stakeholder grimly holding the money, as neither party will accept the proof shown by the other.

Gradually others have been drawn into the discussion, and it bids fair to absorb the general interest of the township. It has gone so far as to attract the attention of the National Provident Union, which, while it teaches men to be provident and insure their families a comfortable sum when they have gone to explore the future, is also educational. So that on next Monday night Phil Kearney Council will wrestle with the subject and try to find out whether Jefferson was a Democrat or not. While this body is founded upon the same principles as our national government, and every citizen is supposed to be so familiar with its history as to be able to read the Declaration of Independence backwards, yet it is by no means certain that they will be able to decide this momentous question. Should they fail to settle it in such a way that the stakeholder will release his grip upon the stakes, it is liable to come up at the spring election, and the members of the Township Committee may make their canvass for election upon the question of the wager.

Watessing vs. Daddtown.  
The close proximity of Daddtown to Watessing has had a disastrous effect on the latter place. Daddtown is the home of mischief and rivalry. Unfortunately, when Daddtown pranks get into the newspapers they are attributed to Watessing, greatly to the detriment of the latter place. Daddtown occupies about the same relation to East Orange that Watessing does to Bloomfield.

An incident occurred in Daddtown last week that has been given much prominence in the New York papers. Some of the metropolitan journals not well up in local Jersey geography wrote up the affair as occurring in Watessing. This was a grievous error, for the Watessing people have no dealings with the inhabitants of Daddtown except to employ them in Watessing factories.

The Turn Veretis Hall.  
The most successful event ever given under the auspices of the Bloomfield Turn Verein Association was the second grand annual ball of the society on Tuesday night in Spragg's Pavilion. There was a large attendance and the dancing was very much enjoyed. The pavilion was very prettily decorated for the occasion. Professor Frank's orchestra furnished the music. Guests were present from Newark, Orange, and Montclair. The affair was admirably managed. The Committee of Arrangements were Philip Batzle, Albert Lipp, and Otto Hetsbruggs. Charles C. Batzle was floor manager and was assisted by Fred R. Schwerdt.

Unpleasant Recollections.  
Monday, the 12th inst., was a strong reminder of the famous blizzard of March 12, 1888. A vivid recollection of the sufferings of that day occurred to the minds of many who go to the city on business, and to escape a possible repetition of the events of that day they deemed it prudent to remain at home; as a consequence Tuesday was a very lonely day at the Truck House. Fortunately the fears of the timid were not realized.

Happy and content is a home with "The Rochester," a lamp with the light of the morning. Call on Rochester Lamp Co. on Park Place, N. Y.

## East Orange Outlet Sewer.

The question of constructing an outlet sewer from the East Orange disposal works to tide-water at the Passaic River in the vicinity of Woodside will come up for discussion at a special meeting of the Township Committee next Monday evening. Bids have already been received from responsible contractors which place the cost of the proposed work well within the figures originally fixed by the special committee as the probable cost of the undertaking, but these figures do not guarantee the town against litigation or provide for any of the expense attaching to such litigation, even if it should result in victory for the town. It is not at all probable that the municipalities through which the outlet sewer would have to run, or the city at whose boundary it would empty into the Passaic, would allow the work to proceed without a vigorous protest, and the ability of the township to maintain such outlet without creating a nuisance is certainly open to serious question. All these questions will no doubt receive full consideration on Monday evening, but in any case the necessities are not so pressing but that we can afford to "make haste slowly."

East Orange Gazette.

## Daughters of the Revolution.

The postponed annual meeting of the Daughters of the Revolution, held at the residence of Mrs. George C. Thomas, No. 71 Haisted Street, East Orange, on Thursday afternoon, was removed to the house of Mrs. W. T. Baird, Scotland Street, Orange, where the business was transacted. Miss H. W. Torrey of Manchester, the State Regent, presided and Mrs. W. T. Baird recorded the minutes. The annual election of officers resulted as follows: Corresponding Secretary, Miss Marie P. Rogers; Recording Secretary, Miss Gail A. Treat; Registrar, Mrs. George B. Crater; Trustees, Mrs. Robert Ward, Mrs. W. T. Baird, Mrs. George Inness, Jr., and Mrs. J. W. Steward. The new constitution was adopted. It was decided to hold the spring meeting of the society at Freehold. The society will celebrate the battle of Monmouth on the battlefield on June 28. On Washington's Birthday the General Society of the Revolution will be entertained at luncheon by Mrs. Charles Francis Stone at Lyndhurst Park, One Hundred and Fifty-fifth Street, New York.

## Lincoln's Birthday.

The anniversary of Lincoln's Birthday was celebrated on Monday at the State House in Trenton. A notable incident of the celebration was the introduction of the following communication by Assemblyman George F. Olcott:

"To the State Legislature: The Second Ward Republican Club of Bloomfield sends greetings to your honorable body.

"You meet on Monday to celebrate the birthday of our martyred President, Abraham Lincoln. In spirit we are with you in all you may do to make the day a day of patriotism and love of our glorious country. His name and the name of Washington will always stand together as the exponents of all that is great and noble.

"When called upon to act, his great heart never failed him, and although he gave his life for the great cause, he still lives in the hearts of all true patriots.

"All honor to the name of Abraham Lincoln."

## Want Heavy Damages.

Two suits for heavy damages have been begun as a result of the recent meadow accident on the Delaware, Lackawanna & Western railroad. Mr. James C. Seymour of East Orange has commenced suit for \$40,000. Mr. Seymour is suffering from concussion of the spine and has not been able to go to business since the accident. Mr. Christopher Arnold of No. 311 Orange Street, Rosedale, is suing for \$75,000, retaining as his counsel Michael T. Barrett of Newark. Mr. Arnold had both legs broken, a fracture of the right thigh, and a compound fracture of the collar-bone.

## A Kaffee Klatch.

A very pleasant affair termed a Kaffee Klatch took place on Saturday afternoon at the residence of Mr. and Mrs. Joseph Reinheimer, No. 53 Fremont Street. It was a surprise tendered Mrs. Reinheimer by her Newark friends. Among those present were: Mrs. L. Hauser, Mrs. M. Newman, Mrs. B. Strauss, Mrs. B. Sire, Mrs. L. M. Cringer, Mrs. James Fisch, Miss Hattie Newman, all of Newark.

## Prompt Payment of a Death Benefit.

Henry Cueman, a member of Bloomfield Council, No. 960, Royal Arcanum who died December 27, was insured in the order for \$3,000. The proof of death was forwarded on the 31st inst., to the Supreme Council at Boston and received on the 15th, and paid to the beneficiary just fifteen days from the receipt of proof of death.

## The Committee of Thirty.

Auxiliaries to the regularly elected Township Committee in this town do not seem to thrive. The public confidence in the ability of their chosen Committeesmen to transact all matters pertaining to municipal welfare is such that improvement associations and committees of thirty do not attract any great degree of attention, and public interest in the proceedings of such bodies soon gets at a low ebb. A spasmodic enthusiasm is aroused at town meetings, but it is only temporary, and the great majority of citizens consider their duty attended to as far as municipal affairs are concerned when they have elected the Town Committee for the year. The contracting for a light and water supply for the town is a very important matter that the Township Committee has to arrange for.

The ten-year contract with the Orange Water Company, which expired on January 1, 1894, was in many respects a very unsatisfactory one, although probably the best that could be made at the time. So great was the dissatisfaction with the contract that it was thought best to give the water-supply question a thorough investigation before entering on a renewal with the Orange Water Company.

At the annual town meeting last spring the water-supply question was a principal topic of discussion, and a committee of thirty citizens was appointed to take the matter in hand and endeavor to ascertain where and how the town could contract for water to the best advantage. A resolution was passed directing the Township Committee not to act in the matter of renewing the contract until the Committee of Thirty reported the result of their investigations. The Committee of Thirty was not a harmonious body. It contained a few men who were determined, if possible, to plunge the township into the experiment of municipal ownership.

These few were very unfair in their treatment of other members of the committee who did not favor their theory. The municipalists regarded those opposed to them as acting from mercenary motives. Among men suspicious of one another there was not much hope of a satisfactory investigation of the question properly before the committee. The municipalists monopolized the time and talk. As a result the committee appears to have been a failure. The question of a water supply has reverted back to the Township Committee, and is being investigated as promptly as the circumstances will allow, lying asertions to the contrary notwithstanding.

## Worse than Trenton.

The logicians, parliamentarians, and orators of Essex Truck Company were out in full force at the regular monthly meeting on Tuesday night. Fierce debate raged and the eagle screamed. The proceedings at such meetings are supposed to be secret. Members of Phoenix Hose Company, across the way, by opening their windows were able to establish a kind of telephone connection and enjoy the proceedings, and a member of Phoenix was able to give the following account of it: An excited member who got rattled over "amendments" and "reconsiderations" declared that the tactics of the majority were "worse than Trenton." A proposition to equip the active membership of the company with firemen's overcoats, regulation pattern, was hotly contested, the house being divided into "overcoats" and anti-overcoats. The new coats will be of dark blue (oak leaf cloth) with brass buttons. They will cost about fifteen dollars each.

Members will be privileged to wear them at all times. The company voted \$50 towards paying the indebtedness on the pool table. A rubber matting for the pool-room was also ordered purchased. The company's shares in the Bloomfield Building and Loan Association were ordered withdrawn. A rabbit onslaught was made on the Western Union Telegraph Company, the great corporation that held a vice like grip on Essex. A special meeting was ordered called on the evening of the 21st inst.

## An Expiring Pastorate.

The five-year term of the pastorate of the Rev. R. B. Collins at the Park M. E. Church expires at the end of this conference year, and under the rules of the church he will be transferred to another charge. There is considerable speculation as to who will succeed Mr. Collins. The Rev. Mr. Aylesworth is talked of for the place.

## An Urgent Request.

Without being a full dress affair, the ladies are expected to attend the performance of "The Grey Mare" without hats. This is absolutely necessary for comfort of the audience. Those of the cast who have been ill are well again and already for action on the evening of Feb. 20. Good seats are still to be had at the drug stores.

## Another Candidate.

Walter Lane is going to dispute the prize for the nomination for Town Committeeman with Max Koehler.

## REVIVAL MEETINGS.

### THE COUNTY UNION MEETINGS WILL BEGIN TO-MORROW NIGHT.

The Programme for the Week—Meetings Every Afternoon and Evening—A Day of Prayer on Thursday.

The evangelistic meetings under the auspices of the Essex County Christian Endeavor Union, which have been going on in Newark since the 8th inst., will be transferred to the First Presbyterian Church in this town to-morrow night and will open at 7.30 o'clock. The Rev. Ford C. Ottman will be present and conduct the meeting. These meetings have been wonderfully successful in Newark and great crowds have attended all the evening meetings.

A repetition of the scenes of the famous Mill's meetings is anticipated here. The Rev. Mr. Ottman is assisted by a large corps of ministers from the evangelical churches in the county. The singing will also be an attractive feature of the meetings. A large choir under the direction of L. M. Gilmour will lead the singing. J. A. Birkholz, a soloist whose singing is one of the features of the meetings, will also be present.

There will be meetings every afternoon at 2.45 o'clock. These meetings will consist of ladies' prayer meeting in the Sunday-school room and a Bible reading by Mr. Ottman in the audience room at 3.30 o'clock, and be of about forty minutes duration. The evening meetings will be held at 7.45 o'clock.

Thursday, the 22d, will be a day of prayer. Services will begin on that day at 8 o'clock in the morning with neighborhood prayer-meetings. At 9 o'clock Christian Endeavor prayer-meetings will be held in all the evangelical churches. At 10.30 o'clock there will be a preaching service in the First Presbyterian Church, and there will be the regular afternoon and evening services.

Sunday, Feb. 25, will be another day of special services. A young people's rally will be held in the First Presbyterian Church at 4 o'clock in the afternoon. At 8 o'clock P. M. a meeting for men only will be held in the same church, and a meeting for women only, in the Westchester Presbyterian Church. The programme of the Sunday school will be announced at each meeting.

## Death of John G. Broughton.

John G. Broughton, a well-known and esteemed resident of this town, died at his home on Church Street shortly after midnight on Tuesday night after a brief illness from pneumonia. Mr. Broughton's death was a profound shock to a wide circle of friends. Mr. Broughton took a very active part in religious work in the town, both in his own church and in union movements. He was a member of the First Presbyterian Church and Clerk of the Session there. He was one of the organizers of Hope Chapel at the Plane, and superintendent of the Sunday-school there. He leaves a widow and three children, Dr. William Broughton, Dr. John Broughton, and Miss Fanny Broughton.

The funeral service took place yesterday afternoon from the First Presbyterian Church and was very largely attended. The Rev. Dr. Ballantine officiated. The public schools closed early in order to give the teachers an opportunity to attend the funeral. Hope Chapel Sunday-school, of which Mr. Broughton was superintendent, attended in a body. All the evangelical clergy of the town were present.

Mr. Broughton had been a resident of this town for about 27 years and in all that time he had been actively identified with the religious life of the town, and was a prime mover and earnest worker in every movement that had for its object the promotion of the moral and spiritual welfare of the town. He took an important part in the Mills meetings and was an active member of the Evangelical Union. The First Church mourns the loss of a sincere Christian and an efficient worker in the cause of religion, and the whole community feels that a good man has passed from their midst.

A Pleasant Affair.  
Dr. W. F. Harrison and Mrs. Harrison of Franklin Street gave a reception on Wednesday night in honor of C. A. Stanton of Sanford, Florida. The affair was a great social success. There was music and dancing, and refreshments were served. The guests were conveyed to and from their homes in carriages provided by the host.

A Prosperous Paper.  
Among the numerous exchanges that come to this office the South Jerseyman is one of the brightest and most interesting. It is one of the leading papers in the southern part of the State, and the past year has been the most successful one in its history.